

*M. T. Nelson, System Cons.  
Box 1546*



CATALOG  
SHEET

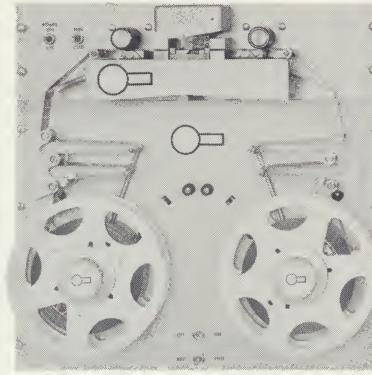
## PHOTOCELL PUNCHED TAPE READERS AND SPOOLERS

Complete range of speeds from 20 to 1000 lines/sec. ■ Automatic adjustment for 5, 7, or 8-channel punched tapes ■ Complete with transistorized output amplifiers and control circuits ■ Unidirectional or bidirectional ■ Rugged, precision mechanical construction ■ Regulated power supply ■ No contacts to wear out or cause errors due to bounce ■ Error rates less than 1 in  $10^8$  characters ■ No extra charge for rack mount units ■ Self-adjusting brakes on all reader models.

### STANDARD READERS

20 to 300 characters/sec. Unidirectional for low and medium speed range requirements, bidirectional for medium speed range, combining ultra-high reliability with low cost. Ideal for applications such as automatic test equipment, numerical machine control, digital computer input, high speed data communications, process control, telemetry data analysis, etc.

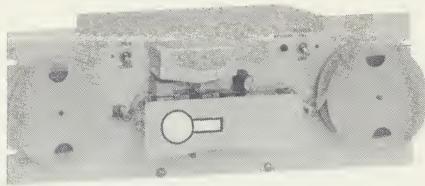
500-1000 characters/second two-speed unit standard. High speed, ultra-reliable reader featuring a rugged precision mechanical transport system and modular construction. Available in unidirectional and bidirectional models. Used in high performance systems where very fast reading and stopping rates are required.



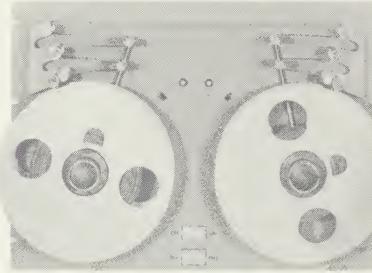
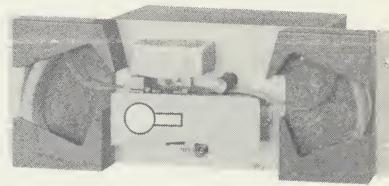
### STANDARD SPOOLERS

**REMEX** Tape Spoolers are high performance bidirectional units ideally suited to the corresponding **REMEX** Photocell Readers. Or they can be used as modular units adaptable to the requirements of other systems. All models provide constant tape tension achieved by the use of spring loaded arms and self-adjusting brakes. The use of standard NAB reels on quick release hubs makes possible rapid and trouble-free changing of tapes. Other features include broken tape sensing and bidirectional rewind which can be controlled remotely and/or by a front panel switch. Long periods of maintenance free service are assured by conservative engineering and the use of high quality components throughout.

### COMBINATIONS AND SPECIALS

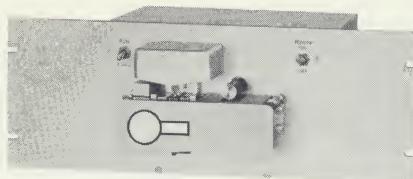


In addition to the standard models of tape readers and spoolers above, available individually or in combination, units with custom packaging and circuitry are available to satisfy special requirements and suit new applications.

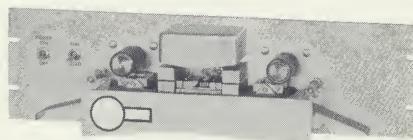


**REMEX** / *Rheem Electronics*

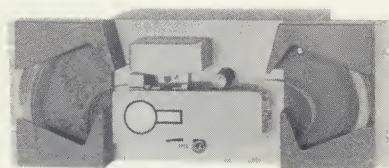
# STANDARD TAPE READERS AND SPOOLERS



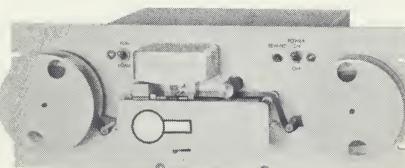
RR-102  
or  
RR-302



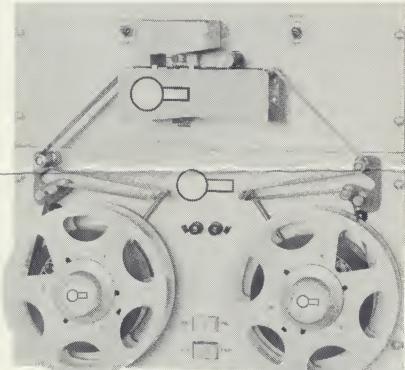
RR-1002B



RRF-302



RRS-102



RR-102 and RS 150  
or  
RR-302 and RS 300



**REMEX** / *Rheem Electronics*

5250 WEST EL SEGUNDO BOULEVARD  
HAWTHORNE, CALIFORNIA 90251  
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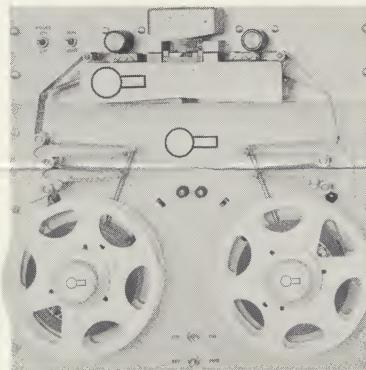
## STANDARD MODELS

- RR-102 Reader—100 char./sec.-unidirectional
- RR-102B Reader—100 char./sec.-bidirectional
- RR-302 Reader—300 char./sec.-unidirectional
- RR-302B Reader—300 char./sec.-bidirectional
- RRF-302 Reader—300 char./sec.-unidirectional (fan fold tape)
- RR-1002R Reader—1000 char./sec.-unidirectional (left to right)
- RR-1002L Reader—1000 char./sec.-unidirectional (right to left)
- RR-1002B Reader—1000 char./sec.-bidirectional
- RRS-102 Reader-Spooler Combination—100 char./sec.-unidirectional
- RS-150 Spooler 150 char./sec.-bidirectional
- RS-300 Spooler 300 char./sec.-bidirectional
- RS-500 Spooler 500 char./sec.-bidirectional

## STANDARD SYSTEMS

- RR-102 Reader with RS-150-Spooler
- RR-102B Reader with RS-150 Spooler
- RR-302 Reader with RS-300 Spooler
- RR-302B Reader with RS-300 Spooler
- RR-1002R Reader with RS-500 Spooler
- RR-1002L Reader with RS-500 Spooler
- RR-1002B Reader with RS-500 Spooler

Other speeds, custom finishes, and variations of configurations of above available to order.



RR-1002B and  
RS-500

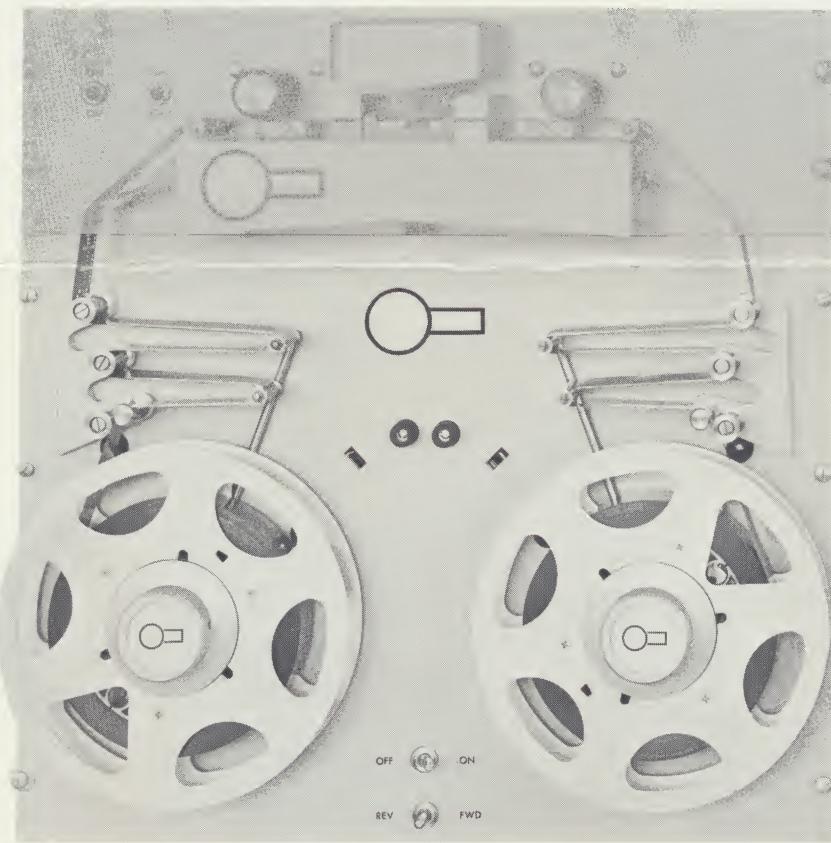
**COLELLO** Associates  
30 WILKINS AVE.  
ALBANY 5, N. Y.



MODELS

RS-150 / RS-300 / RS-500

## TAPE SPOOLERS



Model RS-500

## TAPE SPOOLER

**REMEX** Tape Spoolers are high performance bidirectional units ideally suited to the corresponding **REMEX** Photocell Readers. They can also be used as modular units adaptable to the requirements of other systems. All models provide constant tape tension achieved by the use of spring loaded arms and self-adjusting brakes. The use of standard NAB reels on quick release hubs makes possible rapid and trouble-free changing of tapes. Other features include broken tape and no tape sensing and bidirectional rewind which can be controlled remotely and/or by a front panel switch. Long periods of maintenance-free service are assured by conservative engineering and the use of high quality components throughout.

**REMEX** Tape Spoolers feature:

- Rugged precision mechanical construction.
- Reliable, conservative design.
- Constant tape tension.
- Self-adjusting brakes.
- Standard NAB reels.
- Quick release hubs.
- Broken tape and no tape sensor.

**REMEX** / *Rheem Electronics*

# TAPE SPOOLER SPECIFICATIONS

	RS-150	RS-300	RS-500
<b>Bidirectional Tape Speed</b>	To 15 inches/second (150 characters/sec.)	To 30 inches/second (300 characters/sec.)	To 50 inches/second (500 characters/sec.)
<b>Bidirectional Rewind Speed</b>	30 inches/sec.	200 inches/sec.	200 inches/sec.
<b>Start-Stop Rate</b>	In accordance with specifications of the reader used.		
<b>Tapes</b>	All standard 5 track ( $\frac{1}{16}$ ") to 8 track (1") Paper, Mylar, Al-Mylar.		
<b>Reels</b>	Standard NAB 8" diameter. Special hubs and reels available to order.		
<b>Power Input</b>	115 VAC $\pm 10\%$ , 50-60 cps, single phase. 250 watts peak, 125 watts typical average.	115 VAC $\pm 10\%$ , 50-60 cps, single phase. 350 watts peak, 175 watts typical average.	115 VAC $\pm 10\%$ , 50-60 cps, single phase. 350 watts peak, 175 watts typical average.
<b>Ambient Temperature</b>	Temperature range from 10°F to 155°F.		
<b>Mounting Dimensions</b>	10 $\frac{1}{2}$ " of panel space in standard 19" rack. 10 $\frac{1}{2}$ " behind $\frac{1}{4}$ " panel and 3" in front.	10 $\frac{1}{2}$ " of panel space in standard 19" rack. 10 $\frac{1}{2}$ " behind $\frac{1}{4}$ " panel and 3" in front.	14" of panel space in standard 19" rack. 10 $\frac{1}{2}$ " behind $\frac{1}{4}$ " panel and 3" in front.
<b>Weight</b>	45 lbs.	47 lbs.	52 lbs.

**NOTE:**

Custom finishes and other variations  
of units above are available.



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Repr:

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